This program is designed to prepare people to be CNC Programmers/Operators. The curriculum emphasizes programming and operation of both milling and turning CNC equipment. Additionally, the student will receive instruction in these important related areas: machine tool operation and applications, mathematics and drafting/CAD.

PROGRAM REQUIREMENTS (34 credits)

_____ CADMD 243 3 cr Introduction to AutoCAD (Prereq. CADMD 141)
_____ MT 101 3 cr Machining Basics - Measurement, Materials and Safety
_____ MT 102 3 cr Machining Job Planning, Benchwork and Layout (Prereq. MT 101)
_____ MT 210 3 cr CNC Milling Level I (Prereq. MT 102)
_____ MT 211 3 cr CNC Turning Level I (Prereq. MT 210)
_____ MT 214 3 cr CAD/CAM Systems (Prereq. MT 210; CADMD 243 recommended)
_____ TECH 109 4 cr Technical Mathematics I (Prereq: AMATH 112 with a C or better, MATH 090 with a C or better, or qualifying score on the Math Placement Test)
_____ MATH 151 4 cr College Algebra (Prereq. MATH 095 and MATH 096 with at least a C; or MATH 095 and one year of HS Geometry, both with at least a C; or a qualifying score on the Math Placement Test)
_____ ELECTIVES 6 cr Electives - Select 6 credits from the courses listed below:
  ____CADMD 244 (3) Intermediate AutoCAD (Prereq. CADMD 243)
  ____CADMD 245 (3) Computer Aided Design (Prereq. CADMD 244)
  ____MT 212 (3) Introduction to Robotics
  ____MT 215 (3) Automated Manufacturing Systems (Prereq. MT 210 & 212)

_____ Attained a minimum grade point average of 2.0 in the courses identified in this certificate program.

Current cumulative GPA:

_____ Completed a minimum of one-half of the credit hours required as a student at PSC.

_____ Filed a Graduation Petition Form with the Office of Enrollment Services.

Deadline for filing: October 1 for Winter, March 1 for Spring, July 1 for Summer. (December, May & August candidates may choose to participate in the annual May Commencement Ceremony. Deadline to apply for ceremony is March 1st).

CREDITS

| Required: 34 | Completed: ____ | In Progress: ____ | Needed: ____ |

Advised By: ___________________________ Date: ________________

SIGNATURE: Counselor or Advisor or Faculty Advisor

This is an UNOFFICIAL evaluation. Official Evaluations must be requested in the Office of Enrollment Services

IMPORTANT PSC GRADUATION POLICIES

1. If the degree or certificate requirements are changed during your continuous attendance, you may elect to satisfy either the new requirements or the ones in force when you enrolled.

2. If you withdraw from Prairie State College for either a fall or spring semester, you must satisfy requirements in force at the time you re-enroll.

3. Requests for COURSE SUBSTITUTIONS in the program must be directed to the Program Coordinator. A Course Substitution Form must be signed by the Program Coordinator and submitted to the Office of Enrollment Services at least one semester prior to graduation.

4. Petitions for alteration of other graduation requirements must be submitted on a Student Appeal Form at least one semester prior to graduation.

DIVISION OF CAREER & TECHNICAL EDUCATION

Program Coord: Martin Wolfe  Room T-145  (708) 709-7807  mwolfe@prairiestate.edu

CADMD Lab  Room 3110

Dept. Chair: Tony Gumushian  Room 2187  (708) 709-3614  tgumushian@prairiestate.edu

Division Dean: Patty Zuccarello  Room 2241  (708) 709-2947  pzuccarello@prairiestate.edu

CAREER PLANNING/PLACEMENT INFORMATION:


Employment opportunities:  www.collegecentral.com/prairiestate